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INTEROFFICE CORRESPONDENCE

DATE: July 24, 1991

TO: V. L. Piers, Purchasing, Bldg. T130A, X3741

FROM: *D. W. Pontius*
D. W. Pontius, Remediation Programs, Bldg. T130B, X5536SUBJECT: *for Dennis Pontius*
TECHNICAL EVALUATION FOR RIEDEL ENVIRONMENTAL SERVICES PROPOSAL,
ASC 89882WS MOD. 1 - DWP-005-91

The Riedel Environmental Services (RES) proposal is in response to the revision to the Statement of Work (SOW) for the OU 2 - South Walnut Creek Granular Activated Carbon (GAC) Treatment System. A technical evaluation has been completed, and the following remarks are offered.

Schedule for Completion

The proposal does not address the schedule for completion of the stated work. The Purchase Requisition shows the required delivery date as being May 14, 1991. A date for completion of the tasks is to be established, and I suggest a date of October 15, 1991 be used.

Technical Proposal

The technical portion of the RES proposal describes the required tasks in sufficient detail to produce an acceptable product. However, the following comments/questions are offered.

- 1) Section 2.0, SW132 Collection Station installation is indicated to be inside the 48" culvert pipe. The collection station will require a debris trap (stones, sticks, gravel) prior to pumping the water. This will protect the pump and reduce maintenance substantially. The debris trap will require locating the collection station down gradient of the culvert pipe.
- 2) Section 2.0, SW132 Collection Station states that the additional piping and the 500-600 gallon tank will be heat traced and insulated. Will the 250 KW generator used for winter operation generate an adequate supply of electricity to meet the peak demand? Also, an additional pump is being added which will further increase the peak power demand.
- 3) Section 2.0, SW132 Collection Station proposes a modification of the collection system design. It is not clear whether this design change is required, necessary, or can be expected to be effective.
- 4) Upon completion of a design by RES for the SW132 Collection Station (Section 2.0), approval by EG&G Rocky Flats prior to the initiation of construction is required. This may involve design modification. This is not specified in this section.

ADMIN RECCRD

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Cost Proposal

The cost of the SW132 Collection Station (Item 2.0) and Office Trailer (Item 3.0) both exceed the EG&G Rocky Flats cost estimate price by 100% and 138%, respectively. Costs of the following items are unacceptable as proposed and require further clarification.

Section 2.1 Labor

Indicated hours for the chemical engineer is 70 hours. These hours are excessive and could be cut in half.

Section 2.4 Subcontracted Services

The lump sum cost of \$45,396 for electrical services is too high and should be reduced by 50%. Modifications 1, 2, and 3 each have electrical services that are closely associated and could result in substantial savings if some planning is done.

Section 3.3 Rented Equipment (Generator)

This item should be deleted from this proposal. EG&G Rocky Flats has generators available onsite that will satisfy this need.

DWP:dmf

cc:

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T. C. Greengard
D. L. Shear